

11-02-00

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Box Patent Application
 ASSISTANT COMMISSIONER FOR PATENTS
 Washington D.C., 20231

FORM PTO-1082
 Case Docket No.: 51270.0245 664
 Date: November 1, 2000

Express Mail Label No.: EL 669 015 978 US

Dear Sir:

Transmitted herewith for filing is the patent application of
 Inventor(s): Minoru Saito, Kazunobu Fujiwara and Kazuhiko Honda all of Hamamatsu, Japan
 For: OPTICAL DISK RECORDING APPARATUS HAVING PUSH-PULL SIGNAL
 PROCESSING CIRCUIT, WOBBLE EXTRACTION CIRCUIT AND PRE-PIT
 DETECTION CIRCUIT

Enclosed are:

- ☒ 9 Sheets of drawings (☒ informal)
☒ An assignment of the invention to Yamaha Corporation.
☒ Declaration and Power of Attorney.
 Certified copy of Japanese Patent Application No. 314568/1999 filed November 5, 1999
 from which priority is claimed under 35 U.S.C. §110. ☒ Will follow.

| CALCULATION OF FEES | | | | | |
|--|------------------------------------|----------------------------|--------------------------|--|-------|
| ITEM | NO. OF CLAIMS FILED MINUS BASE* | NO. OF CLAIMS OVER BASE | X SM/LG ENTITY FEE | \$ AMOUNT | FEE |
| A TOTAL CLAIMS FEE | 6 -20* = | 0 | x \$9 or x \$18 | \$ 0 | |
| B INDEPENDENT CLAIMS FEE** | 1 -3* = | 0 | x \$40 or x 80 | \$0 | |
| C SUBTOTAL - ADDITIONAL CLAIMS FEE (ADD FINAL COLUMN IN LINES A + B) | | | | | \$0 |
| D MULTIPLE-DEPENDENT CLAIMS FEE | | | | SMALL ENTITY FEE = \$130 LARGE ENTITY FEE = \$260 | \$0 |
| E BASIC FEE* | | | | SMALL ENTITY FEE = \$355 LARGE ENTITY FEE = \$710 | \$710 |
| F TOTAL FILING FEE (ADD TOTALS FOR LINES C, D, AND E) | | | | | \$710 |
| G ASSIGNMENT RECORDING FEE | | | | \$40 | \$40 |
| **LIST INDEPENDENT CLAIMS (1) | | | | | |

- _____ Please charge my Deposit Account No. \$ _____
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☒ A check in the amount of \$710
☒ A check in the amount of \$40

A copy of this sheet is
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X = The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 03-3975. **A copy of this sheet is enclosed.**

X Any filing fees under 37 CFR 1.16 for the presentation of extra claims.

X Any patent application processing fees under 37 CFR 1.17.

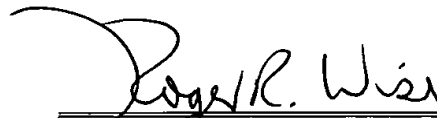
== The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 03-3975.

== Any patent application processing fees under 37 CFR 1.17.

== The issue fee set in 37 CFR 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR 1.311(b).

== Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Respectfully submitted,



Roger R. Wise
Reg. No. 31,204

Dated: November 1, 2000

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007077-8450250

PATENT
51270.024 5664

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

SAITO, et al.

Serial No.: NOT ASSIGNED

Filed: November 1, 2000

For: OPTICAL DICK RECORDING APPARATUS
HAVING PUSH-PULL SIGNAL PROCESSING CIRCUIT,
WOBBLE EXTRACTION CIRCUIT AND PRE-PIT
DETECTION CIRCUIT

Group No.: NOT ASSIGNED

Examiner: NOT ASSIGNED

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Date of Deposit: November 1, 2000

Box Patent Application

Assistant Commissioner for Patents

Washington, D.C. 20231

Dear Sir:

I hereby certify that

- ☒ Letter of transmittal
- ☒ Check in the amount of \$710 as filing fee.
- ☒ Patent application (22 pages of specification; 6 claims; 1 pages of abstract)
- ☒ 9 sheets of informal drawings
- ☒ Declaration/Power of Attorney
- ☒ Executed assignment, with Recordation Cover Letter and check in amount of \$40
- ☒ Return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 CFR 1.10 on the date indicated above and are addressed to:

Box Patent Application

Assistant Commissioner for Patents

Washington, D.C. 20231.

November 1, 2000

Date of Deposit

Paula Dunn
Paula Dunn